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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/686,247	10/11/2000	Leonel Ernesto Enriquez	50089(SE1579)	6976

7590 02/23/2004

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EXAMINER

PHAM, TUAN

ART UNIT	PAPER NUMBER
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2643

DATE MAILED: 02/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/686,247

Applicant(s)

ENRIQUEZ, LEONEL ERNESTO

Examiner

TUAN A PHAM

Art Unit

2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 15-20 is/are allowed.
- 6) ☒ Claim(s) 1,2,8 and 9 is/are rejected.
- 7) ☒ Claim(s) 3-7 and 10-14 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-2, and 8-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Mills (U.S. Patent No. 5,815,505).

Regarding claims 1 and 8, Mills teaches a method of selectively enabling each of a plurality of respectively different circuits (see figure 3, DAA 206, 207, 212) of a multi-function circuit (see figure 3, communication device 200) arrangement to perform its respective signaling function, each respectively different circuit requiring use of the same external passive circuit component (see figure 3, host CPU 241) to implement its respective signaling function, said method comprising the steps of:

providing a single external passive circuit component that corresponds to the same external passive circuit component (see figure 3, host CPU 241), and

in association with performance of each respectively different circuit function of the multi-function circuit arrangement (see figure 3, DAA 206, 207, 212, communication device 200),

enabling that one of the plurality of respectively different circuits (i.e.,

loading instruction of one of DSP cores) which performs the each circuit function, while selectively disabling (DAA is default) one or more others of the plurality of respectively different circuits which do not perform the each circuit function, and

coupling the single external passive circuit component to the one of the plurality of respectively different circuits (see figure 3) (i.e., coupling signal from the active transmission line), while decoupling the single external passive circuit component from the one or more others of the plurality of respectively different circuits (see col.10, ln.35-45; other DAAs defaultly decoupled).

Regarding claims 2 and 9, Mills further teaches a method wherein step comprises coupling single external passive circuit component to the one of the plurality of respectively different circuits through a selectively controlled switching circuit having a plurality ports respectively coupled to the plurality of respectively different circuits, and a component coupling port coupled to the single external passive circuit (see figure 3, host CPU 205, CODE 205).

***Allowable Subject Matter***

3. Claims 3-7, and 10-14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. Claims 15-20 are allowed.

### Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. In order to expedite the prosecution of this application, the applicants are also requested to consider the following references. Although Manchester et al. (U.S. Patent No. 6,574,333), and Caine (U.S. Patent No. 6,566,957) are not applied into this Office Action, they are also called to Applicants attention. They may be used in future Office Action(s). These references are also concerned for supporting the system for a mosfet-bipolar complimentary symmetry driver with local feed back for bias stabilization.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tuan A. Pham** whose telephone number is (703) 305-4987 and E-mail address is: **tuan.pham@USPTO.GOV**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz, can be reached on (703) 305-4708 and

**IF PAPER HAS BEEN MISSED FROM THIS OFFICIAL ACTION PACKAGE, PLEASE CALL Customer Service at (703) 306-0377 FOR THE SUBSTITUTIONS OR COPIES.**

Any response to this action should be mailed to:

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Or faxed to:

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Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal

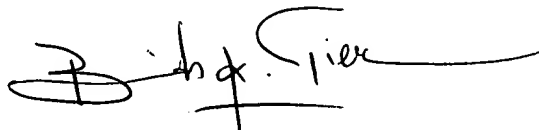
Drive, Arlington VA, Sixth Floor (Receptionist, tel. No. 703-305-4700).

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Date: February 19, 2004

Examiner

Tuan Pham

A handwritten signature in black ink, appearing to read "Binh Tieu", with a stylized flourish extending to the right.

**BINH TIEU  
PRIMARY EXAMINER**